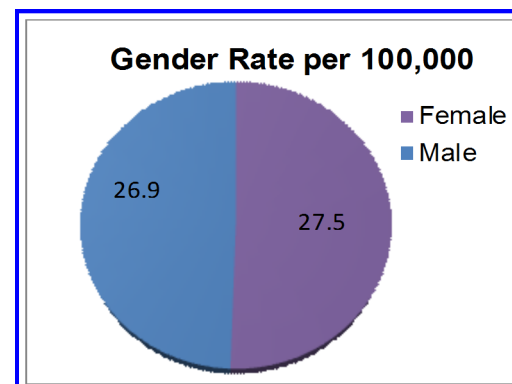
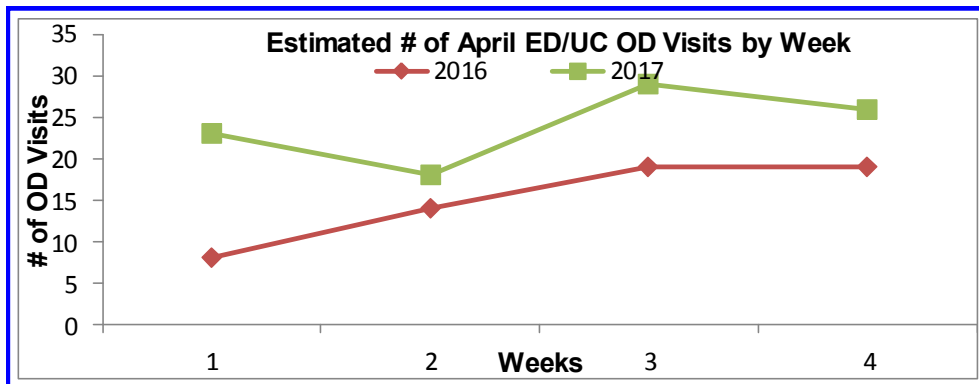


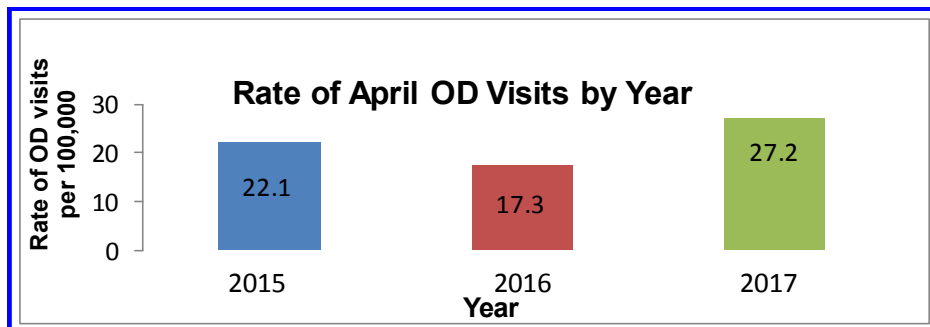
## Estimated Drug Overdose Surveillance Report: Stark County, Ohio: April 2017

This report shows an estimated figure of all Stark County Emergency Department (ED) and Urgent Care (UC) visits for drug overdose (OD) in the month of April. This report is intended to show trends and figures we are seeing in Stark County with all drug overdoses not just those resulting in fatality. In the month of April there were 102 ED/UC visits of Stark county residents that met our exclusion criteria listed below. This number accounted for 0.40% of all ED/UC visits this month. The number of total OD visits is an increase from the previous month.



The pie chart to the left shows that in April females had the majority of OD visits, similar to the previous month. Of the 102 OD visits in April, the median age is 27 which is comparable to that of the previous months.

The Graph above displays the raw number of ED/UC visits in April by week. Week 1 begins with the first Sunday of the month. Showing the comparison between April of 2016 and 2017. Both years appear to be increasing over the month where 2017 has more fluctuation among the weeks.



The graph above shows the rate of ED/UC OD visits per 100,000 of Stark County population. April 2017 has the highest rate so far this year.

**Exclusion Criteria:** The data in this report come from the state of Ohio's EpiCenter Health Monitoring System. The drug related cases include all emergency departments (ED) or urgent care (UC) visits occurring in Stark County. The data is then sorted through only keeping the cases that directly state "Overdose" or "OD" in the chief complaint section. Visits due to: a. Suicide attempt b. Overdoses from over the counter medications such as Tylenol, Ibuprofen, and Aspirin, c. Accidental Overdoses of Insulin, or d. where the abbreviation "OD" is referring to the right eye. These will be removed when identified in the case notes. However, there may be some cases that meet these criteria, but do not specify directly in the notes and therefore may still be included.

Please note that these are estimated figures due to the limited case notes available in Epicenter. The information provided may not be enough to firmly classify a case as an overdose and particular details of a case may change from the ED/UC first impression. For example, a patient with an initial complaint of altered mental status and throughout admission is determined to be an overdose will be missed in the data provided from EpiCenter. It is also important to remember that in most cases the type of drug that was used to overdose is not listed resulting in the figures reflecting any drug not just opiates.